Date: Sun, 17 Jan 93 04:30:22 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #72
To: Info-Hams

Info-Hams Digest Sun, 17 Jan 93 Volume 93 : Issue 72

Today's Topics:

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Sat, 16 Jan 1993 23:45:38 GMT
From: usc!wupost!csus.edu!netcom.com!netcomsv!bongo!julian@network.UCSD.EDU
Subject: 1993 West Coast VHF Conference
To: info-hams@ucsd.edu

The 1993 West Coast VHF Conference will be held in Ventura, Californa between May 21 and 23. Tiresome details will be at the bottom of this post.

This is your standard VHF conference. It will have the following:

Technical lectures
Swap meet
Noise Figure measurements
Antenna Gain measurements
Prizes and givaways
Organized meals - Banquet and Breakfast
Awards
Amateur No-code class

Date: Friday May 21, Saturday May 22, Sunday May 23.

Location: Ventura Holiday Inn, 450 East Harbour Boulevard, Ventura California 93001.

Hotel Reservations: (800) 842-0800 - Mention the conference for cheap rate.

Conference registration and more info: (805) 647-4294

--
Julian Macassey at bongo. julian@bongo.tele.com Voice: (213) 653-4495
Paper Mail: 742 1/2 North Hayworth Avenue, Hollywood, California 90046-7142

Date: Sat, 16 Jan 93 11:54:03 PST
From: pa.dec.com!mast.enet.dec.com!reisert@decwrl.dec.com
Subject: ARRL DX Bulletin #3 - January 14, 1992
To: info-hams@ucsd.edu

ZCZC AE29
QST de W1AW
DX Bulletin 3 ARLD003

Date: 16 Jan 93 19:15:41 GMT
From: usc!wupost!spool.mu.edu!olivea!apple!catnip!kc6sss@network.UCSD.EDU
Subject: Beginner's Rig
To: info-hams@ucsd.edu

Of course, folks holding a Technician license [as well as others] could use them as drivers for transverters to get on the largely unused "weak-signal" segments of the VHF bands.

Date: Sun, 17 Jan 1993 04:07:05 GMT
From: usc!cs.utexas.edu!convex!news.utdallas.edu!feenix.metronet.com!
marcbg@network.UCSD.EDU
Subject: How to get on hams-on-usenet???
To: info-hams@ucsd.edu

Any one tell me how I get added to the hams on usenet file?
- -
Marc Grant Amateur Call: N5MEI
Phone# 214/530-9488 Internet: marcbg@feenix.metronet.com

Date: Sun, 17 Jan 1993 04:57:38 GMT
From: usc!wupost!csus.edu!netcom.com!edg@network.UCSD.EDU
Subject: License delay confirmed and hits another snag.
To: info-hams@ucsd.edu

In article <1993Jan16.220728.9301@anomaly.sbs.com> n1mpq@anomaly.sbs.com (Tony
Pelliccio) writes:
>
> Oh, I can't wait to get that one from the ARRL, the part about not
>processing a 610 until they get a copy of a license. That's baloney! Upon
>receipt of your 610 the VEC has (10) Ten days to forward it to the FCC.
>That's alright, mine is better. I upgraded to General in December, and
>just took the Advanced class this month. This ought to be good. :)
>
>Tony
>N1MPQ
>AA
>
BZZZZT -- Wrong!

The FCC requires of it's VEC's that there not be more than one 610 in the
system at one time. Thus the VEC (the League in your case) is required
to hold your 610 until your previous 610 clears and you receive your
license.

I explain this to at least three people per test session.

If you take more than one upgrade while waiting for your license, try to
do it in the same place. If they're on the ball, they can collapse the
first of your held 610s and just send in the last.

Ed Greenberg,

VE for Sunnyvale VEC
--
Edward W. Greenberg | Home: +1 408 283 0511 | edg@netcom.com
1600 Stokes St. #24 | Work: +1 408 764 5305 | DoD#: 0357
San Jose, CA 95126 | Fax: +1 408 764 5003 | KM6CG (ex WB2GOH)

Date: Sat, 16 Jan 93 15:48:20 PST
From: usc!howland.reston.ans.net!spool.mu.edu!sol.ctr.columbia.edu!ucselx!crash!
slic!mikey@network.UCSD.EDU
Subject: PC repeater controller
To: info-hams@ucsd.edu

gary@ke4zv.uucp (Gary Coffman) writes:

> In article <104785@netnews.upenn.edu> depolo@eniac.seas.upenn.edu (Jeff DePol
> >In article <1ilgetINN6pc@matt.ksu.ksu.edu> steve@matt.ksu.ksu.edu (Steve Sch
> >>phr@telebit.com (Paul Rubin) writes:
> >>
> >>>Why can't someone make a repeater controller out of a simple
> >>>personal computer (286 class), with maybe a relay box controlled...
>
> Three local Atlanta hams started this company. The prototype machines
> have been running for a couple of years here, 147.06 and 145.47. Some

> were actually at the computer console. IMHO this system is vastly
> superior to ACC, but I don't want a talking, singing, and dancing
> controller on my machine, so I will stick with S-Comm. :-)

Do these guys have net access? Do they send out snail mail info?
Is an address available. Our club has an 850 now but we are
looking to put up another box and would really like to explore
this option.

--
    Mike, San Diego, CA USA | mikey@slic.cts.com | GEnie: SLIC | Ham: WB6WUI

Date: Fri, 15 Jan 93 21:36:31 GMT
From: sdd.hp.com!cs.utexas.edu!milano!cactus.org!wixer!will@network.UCSD.EDU
Subject: Radio/Satellite Tracking
To: info-hams@ucsd.edu

Can anyone suggest a source for information on the
latest technology for remote tracking? I am interested
in devices that could be attached to animals and

pinpoint their location without having to go in the
field and fly/drive with the receiver to pick up the
signal.

I understand there are methods of using satellites
that will work with earthstations to give periodic
reports on the Lat/Long of the target.

An additional observation, I heard of devices used in the
trucking industry to track containers across the country.
Does this sytem use satellite and possibly cellular phone
service to report the position?

--
Bill
will@wixer.cactus.org

Date: Sun, 17 Jan 1993 03:20:33 GMT
From: sdd.hp.com!spool.mu.edu!uwm.edu!rpi!vccnw03.its.rpi.edu!
maessm@network.UCSD.EDU
Subject: radio wave jamming or scrambling...
To: info-hams@ucsd.edu

In article <1993Jan15.140206.29974@e2big.mko.dec.com>,
|> Ayup, go over and talk to them. Preferably in a civil tone that does not
|> presuppose they are at fault. If you start an electronic war (How do
|> you effectively jam a 200watt stereo with multi speakers aimed at your
|> house?) you will most likely lose.

Use 400 watts and more speakers.

--
Mat Maessen N2NJZ	maessm@rpi.edu
The opinions expressed in this message definitely do NOT reflect the
views of RPI, Roland Schmitt, or BAPP

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Date: Sun, 17 Jan 1993 09:29:22 +0000
From: pipex!demon!tedb.demon.co.uk!ted@uunet.uu.net
Subject: rsgb gb2rs news 17th november 1993
To: info-hams@ucsd.edu

Good morning. It's Sunday the 17th of January and here is the GB2RS news broadcast, prepared by the Radio Society of Great Britain.

First the headlines:- A double celebration at RSGB HQ; the antarctic expedition is at the South Pole; and the Kidderminster rally has been cancelled.

Last Monday, the RSGB celebrated two happy occasions. The first was the presentation of a certificate to Britain's first astronaut Helen Sharman OBE marking her election as an Honorary Member of the Society. The presentation was made by the President, Peter Chadwick, G3RZP. In her acceptance speech she said the certificate embodied all of the friendships she had made through her involvement with amateur radio. Sharing the limelight with Helen Sharman was the longest serving member of RSGB Headquarters staff Derek Cole who for 25 years has been the Technical Illustrator of RadCom and most RSGB books. The President presented Derek with a magnificent engraved barometer.

Laurence Howell, GM4DMA, reports that Ran Fiennes and Mike Stroud should be at, or just past, the South Pole by now. They have already walked half of the gruelling 2,200 mile journey across Antarctica. The aim is to be the first to cross the Antarctic on foot and at the same time to raise 2M for research into Multiple Sclerosis. They are in good spirits and their physical condition is reportedly good despite Ran's weight having dropped by 42lb. Morag Howell is providing the expedition communications from Patriot Base. Morag is active on the HF amateur bands when possible as GB4MSS/VP8 but operation is from batteries charged by solar cells so power must be used sparingly.

The Kidderminster and District Amateur Radio Society regrets to announce that its rally which was scheduled to be held on Sunday the 21st of February has been cancelled. Further details from Geoff Philpotts, G0RJP whose address is correct in the 1993 RSGB Call Book.

The chairman of the RSGB VHF Committee, Peter Burden, G3UBX, tells us that the UK has, along with other European countries, agreed to the use of 433.050 to 434.790MHz for 'low power devices' limited to 10 milliwatts. Following representations from the RSGB, the Radiocommunications Agency has undertaken, in the event of problems being experienced, to defend the amateur service. The RSGB and the RA will be paying particular attention to receiver specifications. This new allocation does not in any way affect the present or future status of the amateur service on 432MHz. Amateurs should continue to use the 432MHz band normally and should continue to plan and install new equipment for this band.

Next a reminder that the Winter Microwave Cumulatives, which are non-competitive events take place on Sundays: the 31st of January, 28th of February and 28th of March. Bands to be used are 2.3GHz upwards. The Adjudicator is Steve Davies, G4KNZ, whose address is 14 Herondale, Birch Hill,

Bracknell, Berks, RG12 7ZT. A report on the Cumulatives will be published in the Microwave Newsletter only. Further details can be obtained from Ted Jewell, G4ELM, whose address is correct in the RSGB Call Book.

Now some items of HF DX news from the weekly RSGB DX News Sheet which is edited by Brendan McCartney, G4DYO. From Pitcairn Island, VK4CPU and WK3D will sign VR6BB and VR6JJ respectively from early January until March, exact date depends on transportation, on all bands 6 to 160 metres using CW, SSB, RTTY and FM. From the Cayman Islands, K0BJ will sign ZF2NJ from today Sunday the 17th, until Sunday the 24th of January on 10, 15 and 20 metres using mainly CW, plus some SSB on 10 metres. From Auckland/Campbell Islands, HB9TL will sign ZL9/HB9TL from the 15th to the 21st of January. Check 14.192 or 14.242MHz SSB. From Barbados, VE3ICR will sign 8P9DX from the 23rd of January, until the 6th of February, taking in the CQWW 160 metres Contest. From Tonga, A35CT hopes to be active for the next 2 to 3 years, check 14.219MHz at 0530GMT.

Rally news now and we know of no rally scheduled for this weekend, but there are two events next Sunday, the 24th: The Lancastrian Rally is to be held at the University of Lancaster. Doors open at 10.30 for disabled visitors. Further details can be obtained from Sue, G1OHH, by telephoning 0524 64239. The Oldham Amateur Radio Club's Mobile Radio Rally is to be held at the Queen Elizabeth Hall, Civic Centre, West Street, Oldham. Doors open for Morse Test participants at 1000am, for Disabled visitors at 1030 and at 1100am for all others. There are catering facilities and ample car parking. Talk-in on channel S22 from 0900am using the callsign GB4ORC. Further details can be obtained from Kathy, G4ZEP, by telephoning 061 633 0550 during the day time, or 061 652 8617 evenings.

Next, a date for your diary:

International Marconi Day 1993 will be held on the 24th of April. A number of special events are scheduled. We will bring you news of these nearer the date.

Some HF Contest news now:

The RSGB LF Cumulative Contest sessions take place as follows: The 7.0MHz sessions are today Sunday the 17th and next Saturday the 23rd, from 1000 to 1200GMT. The 1.8MHz event is scheduled for Wednesday the 20th, from 2000 to 2200GMT. And the 3.5MHz event is on Sunday the 24th of January, from 1600 to 1800GMT. For further details see page 62 of December's edition of Radio Communication.

Now the VHF Contest news:

Today, Sunday the 17th, the 144MHz CW Single Operator Fixed, All Other and SWL Contest will run between 1000 to 1600GMT. The 70MHz Cumulative Contest is scheduled for next Sunday the 24th, from 1000 to 1200GMT. This the first of

five 70MHz Cumulative Contests to be held during January to March. For further details see December's RadCom page 61.

And now the solar factual data:

The period 4th to 10th January has seen a lot of magnetic disturbance, with little solar flare activity in spite of the more active side of the sun coming into view. No flares of any note have been reported. The sunspot count steadily rose over the period and meaned about the 119s. Solar flux levels hardly varied day to day and averaged 128 units. The geomagnetic Ap index averaged 23 units, but has been up to sub storm levels on the 4th, 7th, and 10th, reaching up to 34 units, with K figures up to 7 on the 10th. The state has been 'mag storm' most days, with the higher latitudes and night times being mostly affected. The radio quality indices started at very poor and slowly improved as the period progressed, with levels reaching normal by the 10th, there was no good circuit, but on odd days the Tokyo circuit was above normal, so generally conditions have been poor. The aa indices, as supplied by the British Geological Survey, for the 29th of December to the 4th of January gave daily averages of 32.5 nanoTeslas, about K3. The 29th was up to 59 nanoTeslas with the afternoon period being up to 102 about K5. The monthly mean sunspot count for December was 83.3 with the maximum of 132 on the 11th and the minimum of 34 on the 7th, The predicted smoothed count for June 1992 was 97.1 +/-5.

Now the ionospheric data for Central France:

The F2 daytime critical frequencies at Poitiers, as reported by Meudon, averaged 10.7MHz, for some unknown reason the 8th saw a high level of 12.4MHz, but this was not reflected in other parameters. The darkness hour lows averaged 2.6MHz. Spread F has been reported lasting up to 6 hours some days, mainly during the very early morning periods.

Now the ionospheric data for the north:

The F2 daytime critical frequencies at Ekaterinberg averaged 8.6MHz, with the darkness hour lows being 2.6MHz. Interest in geomagnetic activity has grown in recent years and more reliance is now being placed in the K figures. These are indices of activity covering a three-hour period, with eight figures for the 24 hours. This is therefore a quick way to highlight the quiet or active periods during any day. Ap and aa indices as used in these bulletins are in fact all available in K figures.

And lastly the solar forecast:

This week, the most active side of the sun will have passed by, so solar flux levels are expected to be about the 125s, geomagnetic activity is expected to be just unsettled at first becoming quieter as the week continues. HF band conditions are expected to be normal with daytime MUFs up to 30MHz. and

darkness hours up to 14MHz. With the seasonal changes taking place east/west contacts are now becoming more difficult during darkness hours.

And that is the end of the solar information.

Finally in the main news, SSL has informed the Society that as of last Wednesday morning, the latest callsigns issued were in the G0 S X and G7 N Y series, and Novice calls in the 2 0 A E and 2 1 B I series.

You're listening to GB2RS, the news broadcasting service of the Radio Society of Great Britain, transmitting in the 80, 40, 6 and 2 metre bands.

Date: 16 Jan 1993 23:30:32 -0600
From: sdd.hp.com!wupost!cs.utexas.edu!not-for-mail@network.UCSD.EDU
Subject: test
To: info-hams@ucsd.edu

this is a test...Please excuse...(faulty mailer..)
kj5gu
-=-
Internet: phantom@pro-haven.cts.com   KJ5GU/AE
UUCP: crash!pro-haven!phantom   Try 28.440MHz.....
        For the latest breaking Aggie Jokes, Dial 1-800-AGGIE-IQ.....
".....and for the first time in twenty years in Waxahachie, Texas.....
......it rained!"   The Rocky and Bullwinkle Show
-=-

Date: 17 Jan 1993 07:38:12 GMT
From: sdd.hp.com!spool.mu.edu!studsys.mscs.mu.edu!jason@network.UCSD.EDU
Subject: VP5V
To: info-hams@ucsd.edu

Can anyone send me QSL info for VP5V?
--
Jason Hanson | 915 W. Wisconsin Ave #1010 | (414) 288-2179
Marquette University | Milwaukee, WI 53233-2373 | Ham Radio: N9LEA/AA
-- jason@studsys.mscs.mu.edu   ==+==   n9lea@n0ary.#nocal.ca.usa.na --

---

Date: Sat, 16 Jan 93 21:36:07 PST
From: cs.ubc.ca!mala.bc.ca!oneb!ham!emd@beaver.cs.washington.edu
Subject: What Amateur Radio books should a library have?

To: info-hams@ucsd.edu

little@nuts2u.enet.dec.com (nuts2u::little) writes:

>
>   Our local public library has apparently received special funding to
>   expand its holdings of books in the 621.???? area (technology area
>   including amateur radio.) I'd like to present them with a list of
>   books that should be contained in any reasonably well stocked library.
>   In the past they have tended towards the TAB books which in my opinion
>   are OK but are a bit light. Sort of like the Physics course at the
>   University of Illinois that was dubbed Physics for Poets. :-) They
>   have indicated they want books with more general appeal than something
>   that covers esoteric topics, so books covering spark gap transmitters
>   in gory detail are probably out.
>
>   So with that in mind, I'd love to solicit your suggestions for amateur
>   radio related books that a library should have in its holdings.
>
In my experience, amateur radio itself is regarded as esoteric by
librarians, who are generally quite ill-informed technically. And if you
want general appeal, it probably rules out the "heavier" tomes.

Date: (null)
From: (null)

Date: (null)
From: (null)
The Beam Antenna Handbook by William Orr, Published by Radio
Communications, Inc, Box 149 Wilton Conn 06897

Simple, Low Cost Wire Antennas by William Orr, published by Radio
Communications, Inc, Box 149 Wilton Conn 06897

All About Cubical Quad Antennas, by William Orr, also published by Radio
Communications Inc

The Amateur Radio Vertical Antenna Handbook, by Capt. Paul H Lee,
Cowan Publishing Co, 14 Vanderventer Ave, Port Wasington, L.I., New York
11050

Yagi Antenna Design, by James Lawson, published by ARRL

The giant Book of Amateur Radio Antennas, TAB Books # 802

Antenna Impedance Matching, by Wilfred N. Caron, pub by ARRL

Eighty Metre Dxing, by John Devoldere, ON4UN. Pub by Communications Technology, Greenville, New Hampshire, 03048

The ARRL Antenna Anthology, pub by ARRL

The Beverage Antenna Handbook, by Victor Misek, Pub by Victor Misek, Wason Rd, Hudson N.H. 03051

The ARRL Antenna Compendium, Volumes 1 and 2. Pub by ARRL

The ARRL Antenna Book. Pub by ARRL

Practical Antennas for the Radio Amateur, by Bob Myers, pub by SCELBI Publications, P.O. Box 3133 Milford Conn 06460

Practical Wire Antennas, by John Heys, G3BDQ, pub by RSGB, available from ARRL in the US, I think.

The ARRL Electronics Data Book, pub by ARRL

F.M. and Repeaters, pub by ARRL

The Practical Handbook of Amateur Radio F.M. and Repeaters, by Bill Pasternak, pub as TAB Books 1212

The ARRL Handbook for the Radio Amateur, pub by ARRL

The Radio Communications Handbook, by the RSGB, Volumes 1 and 2 35 Doughty St London UK WC1N 2AE

The Radio Handbook, by William Orr, pub by Howard W Sams, Indianapolis, Indiana 46268

The Interference Handbook, by William R.Nelson, pub by Radio Publications, Inc.

Solid State Design For The Radio Amateur, Wes Hayward & Doug DeMaw, pub by ARRL

Transmitter Hunting, by Moell & Curlee, TAB Books 2701

Transmission Line Transformers, by Jerry Sevick, pub by ARRL

W1FB's Antenna Notebook, pub by ARRL

VHF-UHF Manual, by G.R. Jessop, pub by RSGB

VHF Handbook for Radio Amateurs, by Brier and Orr, pub by Radio Publications.

If you don't mind some "heavier" coverage, I suggest the following, as well.

Antennas, by John Kraus. pub by McGraw-Hill

Antennas, by Lamont Blake, pub by John Wiley & Sons

Reference Data for Radio Engineers, pub by Howard W Sams

You'll probably find lots more suggestions if you leaf through publication catalogs from ARRL, RSGB, and the Ham Radio Bookstore that advertises in the ham rags.

73, and GL

Robert Smits VE7EMD Ladysmith B.C.
Ph (604) 245-2553 e-mail: emd@ham.almanac.bc.ca
PACKET VE7EMD@VE7KIT.#VANC.BC.CAN.NA

Date: Sun, 17 Jan 1993 00:44:55 +0000
From: pipex!demon!eyrie.demon.co.uk!df@uunet.uu.net
To: info-hams@ucsd.edu

References <1993Jan16.201038.1158@sbcs.sunysb.edu>, <1993Jan4.144520.19597@ultb.isc.rit.edu>, <1993Jan6.093218.27598@qualcomm.com>e
Reply-To : df@eyrie.demon.co.uk
Subject : Re: CDMA Packet Radio (WAS Re: Who do repeater coordinators represent?)

In article <1993Jan16.201038.1158@sbcs.sunysb.edu> rick@cs.sunysb.edu (Richard Spanbauer) writes:

> I arrived at more or less the same conclusion that SS was a good avenue
> for future packet development, primarily because direct sequence spread
> spectrum is probably one of the cheaper ways to "fix" the multipath
> problem in high bit rate packet systems.

> The main hitch with CDMA (code division multiple access) is that the

> amateur radio service is allowed to use only three spreading codes.
> Is there work being done towards relaxing the regulations on use of
> spreading codes?

This actually sounds like an interesting topic to persue, and as (far as
I can tell) the UK regulations do not limit the use of SS, I'd like to
give it a go. Now I've just got to get some more info on SS, any
references would be appreciated.

     Cheers,

     DF
--
Derek Fawcus (G7FVS)   df@eyrie.demon.co.uk

End of Info-Hams Digest V93 #72
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